



Williamson County, Tennessee
Community Development
1320 West Main Street - Suite 400
Franklin, Tennessee 37064
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1992 Cabo Model Energy Code

You are “deemed to comply” with the *Tennessee State Energy Code for Building* if you structure meets the following conditions:

1. is a one or two family detached dwelling;
2. is not be larger in size than 5,000 square feet of conditioned floor space;
3. must be located in an area of the state where climatic conditions are less than 3800 Heating Degree Days (HDD); and
4. is three stories or less in height.
5. no substitutions of any kind for R-Values listed below have been made.
6. has been built to limit air infiltration as defined by the *Energy Code*; and
7. all equipment efficiencies as defined by the *Energy Code* have been observed.

Openings in gross wall area	19% Maximum
Ceiling Insulation*	R-30
Floor Insulation	R-19
Slab Perimeter Insulation**	R-4
Wall Insulation, Fiberglass Bats	R-13
Foam Sheathing Insulation***	R-4
Basement Masonry Wall Insulation	R-7
Windows:	
Double Pane or Single Pane Storm Window	R-1.78 (U-0.56)

All R-Values shall be printed on the actual insulation.

These R-Values may result in some degree of “over-design”. This was done so this method could apply to almost all one and two family residential construction in the greater Nashville area. If you must change one or more of the R-Values listed to a lower R-Value, then do not use this method. No substitutions are allowed here.

Instead, you may use another method, such as the Trade-Off Worksheet, to show compliance.

At the time a permit is requested, you shall state how you plan to meet the Tennessee State *Energy Code*. When using this method you are not required to turn in any additional paperwork.

* Sloped ceilings, such as cathedral & tray ceilings, which require batt insulation, may be insulated with R-19 batts, provided the R-19 batts do not exceed 30% of the total ceiling area and provided the flat portion of the ceilings is insulated to R-30 or greater.

** Plywood or OSB may be used for corner and structural bracing as long as the amount used does not exceed 20% of the gross wall area.

*** May install foam under unheated slab, when using F₂ 0.64 method, provided the flat ceiling area is insulated to R-38 or the foam sheathing is R-5.

Contractor _____ Date _____